

【書類名】 図面 { Title of Document } Drawings

【図】 { Fig. 1 }

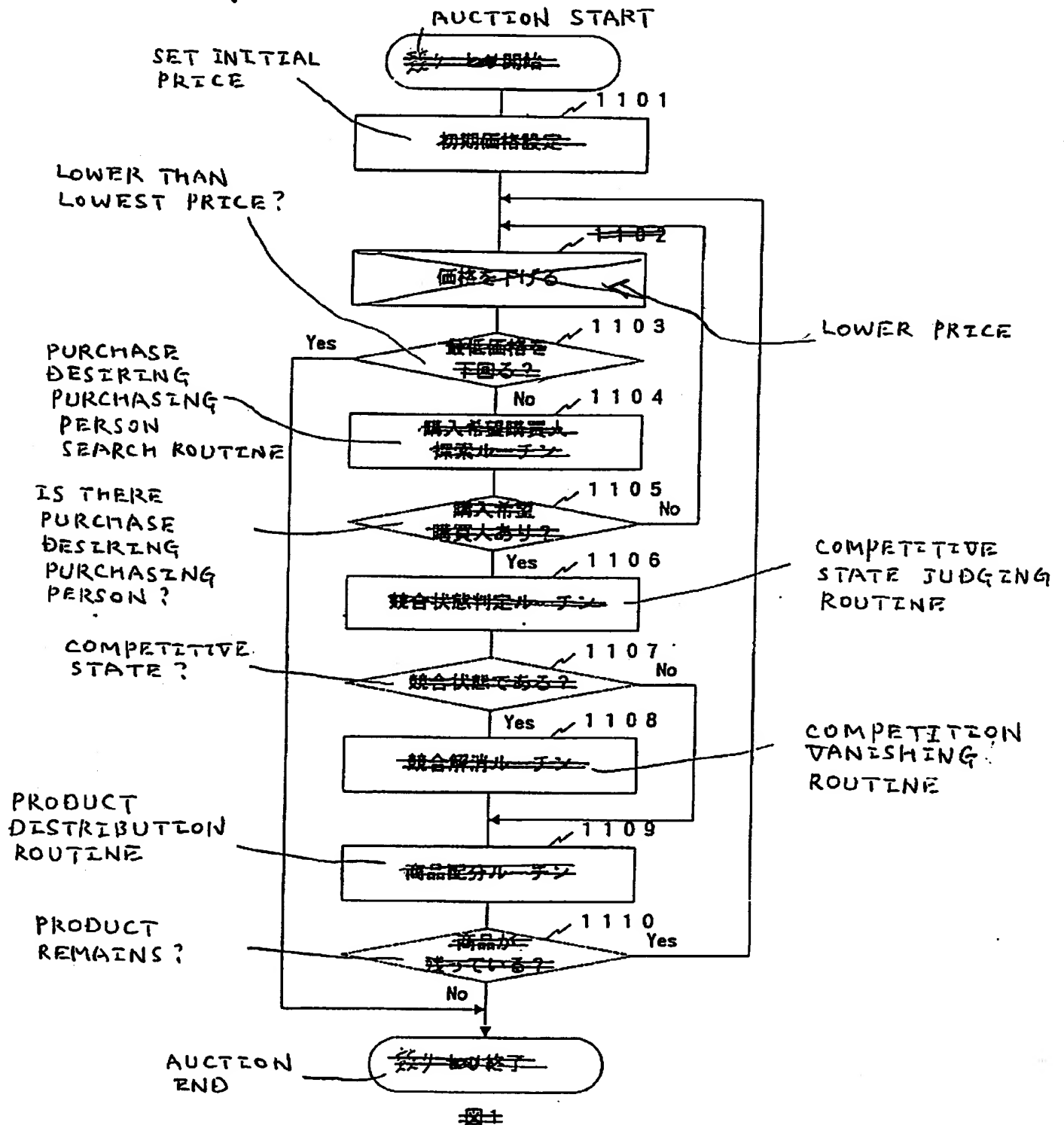


FIG. 1

[図2] [Fig. 2]

[ELECTRONIC MARKETPLACE SERVER]

~~電子市場サーバ~~

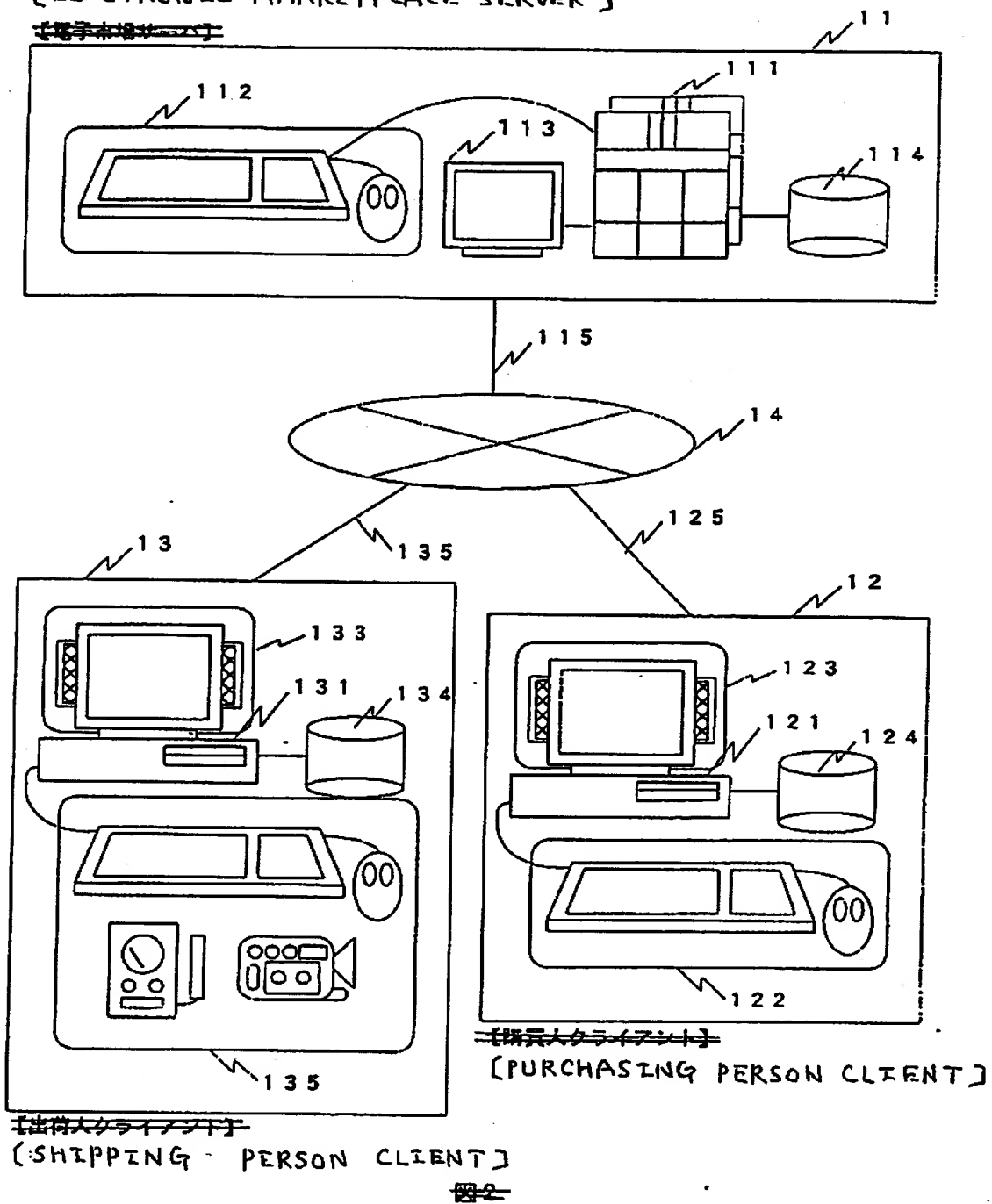


FIG. 2

(図3) {Fig. 3}

AUCTION CONDITION INPUT EDITOR
競り条件入力エディタ

PURCHASING PERSON ID: 購買人ID: m-mori (311)

PRODUCT NUMBER: 商品番号: 215-960529-001-001 (312)

RULE LIST: ルールリスト (313)

PURCHASE 80 BOXES AT ¥90 (+¥2)

90円(+2円)で80箱購入 (314)

90円(+4円)で50箱以上80箱以下購入

NEWLY REGISTER: ☒ 一度落札後せりに参加しない (314)

CORRECT: 新規登録... (321)

DELETE: 訂正... (322)

TRANSMIT: 送信 (326)

PRIORITY ↑: 優先度↑ (324)

PRIORITY ↓: 優先度↓ (325)

SUSPEND: 中止 (327)

PURCHASE AT LEAST 50 AND AT MOST 80 BOXES AT ¥90 (+¥4)

DO NOT PARTICIPATE IN AUCTION ONCE SUCCESSFUL BID HAS BEEN CONDUCTED

図4

FIG. 4

(図5) {Fig. 4}

RULE EDITOR ルールエディタ

PRICE CONDITION: 価格条件 (411)

SPECIFIED PRICE: 価格指定 (412)

LOWEST PRICE: 最低価格 (413)

競合時最大許容価格: 4円 (413)

MAXIMUM ALLOWANCE IN COMPETITION: 数量条件(入荷量: 200) (421)

ALL AMOUNT PURCHASE: 全量購入 (422)

FIXED AMOUNT PURCHASE: 定量購入 (423)

RANGE DESIGNATION PURCHASE: 範囲指定購入 (424)

希望数量以下でも購入する (425)

REGISTER IN RULE LIST: ルールリストへ登録 (431)

SUSPEND: 中止 (432)

AMOUNT CONDITION (ARRIVAL AMOUNT: 200)

BOXES: 50 to 80 (423, 424)

PURCHASE EVEN IF DESIRED AMOUNT IS NOT REACHED

FIG. 5

[5] { Fig. 5 }

OZENJI MARKETPLACE — TULIP —

千代寺市場 — チューリップ欄 —

TULIP
◆ チューリップ

PRODUCT NUMBER
商品番号: 215-960529-001-001

発注する ORDER

VARIETY	品種	〇〇種	212
STANDARD AND COLOR	規格・色	M-S	213
GROWING AREA	産地	横浜市	214
SHIPPING PERSON	出荷者	美しが丘農協	215
AMOUNT	数量	200箱	216
TIME LIMIT	締切時間	96/05/29 15:00	217
AUCTION END TIME	競り終了時間	96/05/29 15:30	218

YOKOHAMA CITY
UTSUKUSHIGAOKA AGRICULTURAL COOPERATIVE
200 BOXES

PRODUCT NUMBER
商品番号: 215-960529-001-002

発注する ORDER

VARIETY	品種	△△種
STANDARD AND COLOR	規格・色	L-S
GROWING AREA	産地	川崎市
SHIPPING PERSON	出荷者	美しが丘農協
	数量	120箱

KAWASAKI CITY
NITJIGAOKA AGRICULTURAL COOPERATIVE
120 BOXES

図 3

[6] { Fig. 6 }

FIG. 3

AUCTION ORDERING SITUATION

競り発注状況

ORDERING PRODUCT LIST
◆ 発注商品リスト

96/05/28 12:34:56	215-960528-003-002	済	↑
96/05/29 13:53:21	215-960529-001-001	済	
96/05/29 13:53:21	215-960529-005-002	未	↓

(FINISHED)
(FINISHED)
(NOT YET)

512 発注情報表示/修正

513 発注中止

514 競り結果表示

515 閉じる

DISPLAY/CORRECT ORDERING INFORMATION

DISPLAY AUCTION RESULT

SUSPEND ORDERING

CLOSE

図 6

FIG. 6

[5] { Fig. 7 }

AUCTION RESULT OF PRODUCT

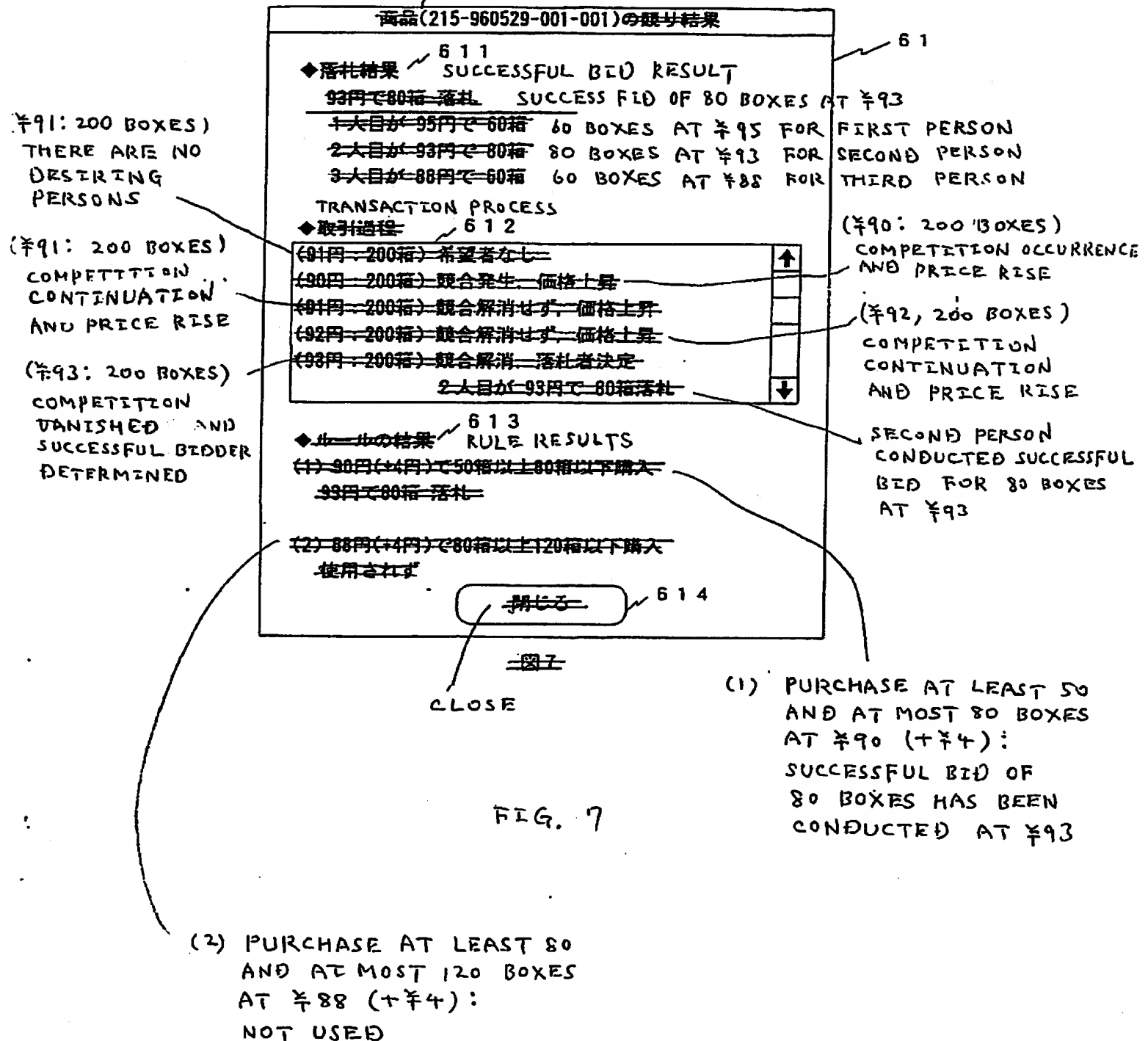


図 8 (Fig. 8)

NUMBER OF REGISTRATIONS

REGISTERED PURCHASING PERSON LIST

電子市場 711

712 登録数 713 商品番号 215-960529-001-001

登録番号	購買人ID	送信時間	受信時間
1	teramura	96/05/29 12:34:56	96/05/29 12:35:00
2	yokomura	96/05/29 12:44:56	96/05/29 12:45:00
3	kosaka	96/05/29 13:05:23	96/05/29 13:06:28

REGISTRATION NUMBER

PURCHASING PERSON ID

TRANSMISSION TIME

RECEPTION TIME

714

715

716

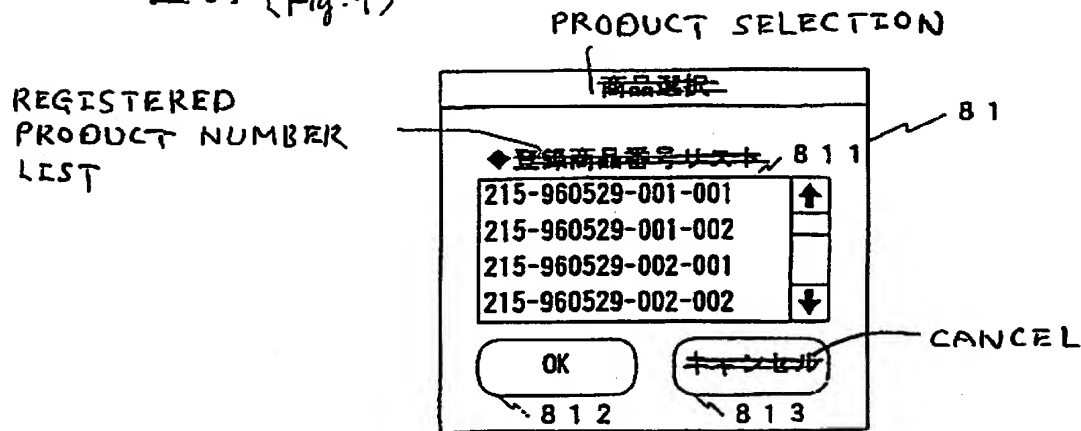
商品変更

終了

PRODUCT CHANGE END

FIG. 8

~~図 9~~ { Fig. 9 }



~~図 9~~

FIG. 9

(図10)
{Fig.10}

NUMBER OF REGISTRATIONS

ELECTRONIC MARKETPLACE MONITOR

REGISTERED PURCHASING
PERSON LIST

電子市場モニター
712

登録番号	登録者名	送信時間	受信時間	登録番号	登録者名	送信時間	受信時間	登録番号	登録者名	送信時間	受信時間
1	teramura	96/05/29 12:34:56	96/05/29 12:35:00	2	yokomura	96/05/29 12:44:56	96/05/29 12:45:00	3	kosaka	96/05/29 13:05:23	96/05/29 13:06:28
4	m-mori	96/05/29 13:53:16	96/05/29 13:53:21	719							

215-960529-001-001

送信時間: 96/05/29 13:53:16

受信時間: 96/05/29 13:53:21

714

新にも購買者が登録されました [96/05/29 13:53:21]

商品変更

終了

END
PRODUCT
CHANGE

NEW PURCHASING PERSON
HAS BEEN REGISTERED
FIG. 10

REGISTRATION
NUMBER

PURCHASING
PERSON ID

TRANSMISSION
TIME

RECEPTION
TIME

PURCHASING
PERSON ID

TRANSMISSION
TIME

RECEPTION
TIME

(図 11) (Fig. 11)

NUMBER OF BIDDERS

LIST OF PURCHASING
PERSONS DESIRING
PURCHASE

AUCTION MONITOR

91

REGISTRATION NUMBER	DESIRE	PURCHASING PERSON ID	DESIRED QUANTITY	ALLOCATED QUANTITY	NOT YET ALLOCATED	REMAINING QUANTITY	PRICE
912	希望者数 3	希望者名 希望	希望数量 80	配分数量 未配分	希望者なし		
913	希望者数 3	希望者名 希望	希望数量 60	配分数量 未配分	希望者なし		
912	希望者数 1	希望者名 希望	希望数量 150	配分数量 未配分	希望者なし		
9124	希望者名 teramura	希望者名 teramura	希望数量 150	配分数量 未配分	希望者なし		
9125	希望者名 kosaka	希望者名 kosaka	希望数量 60	配分数量 未配分	希望者なし		
912	希望者名 m-mori	希望者名 m-mori	希望数量 80	配分数量 未配分	希望者なし		

916 AUCTION SITUATION

914 残り数量 200

915 残り数量 90

917 TRANSACTION PROCESS

917 取引過程

(94円 - 200箱) 希望者なし

(93円 - 200箱) 希望者なし

(92円 - 200箱) 希望者なし

(91円 - 200箱) 希望者なし

(90円 - 200箱) 競合発生

(914: 200 BOXES) NO BIDDERS
(913: 200 BOXES) NO BIDDERS
(912: 200 BOXES) NO BIDDERS
(911: 200 BOXES) NO BIDDERS
(910: 200 BOXES) COMPETITION OCCURRENCE

図 11

Fig. 11

STUDENT OF THE YEAR

AUCTION MONITOR

LIST OF PURCHASING
PERSONS DESIGNING
PURCHASE

—

REGISTRATION
NUMBER

ABANDON

PURCHASING
PERSON ID

ଉତ୍ତରୀୟ

QUANTITY

ALLOCATED
QUANTITY

REMAINING
QUANTITY

১২২৮৮

(¥90: 200 BOXES) COMPETION OCCURRENCE, PRICE RISE

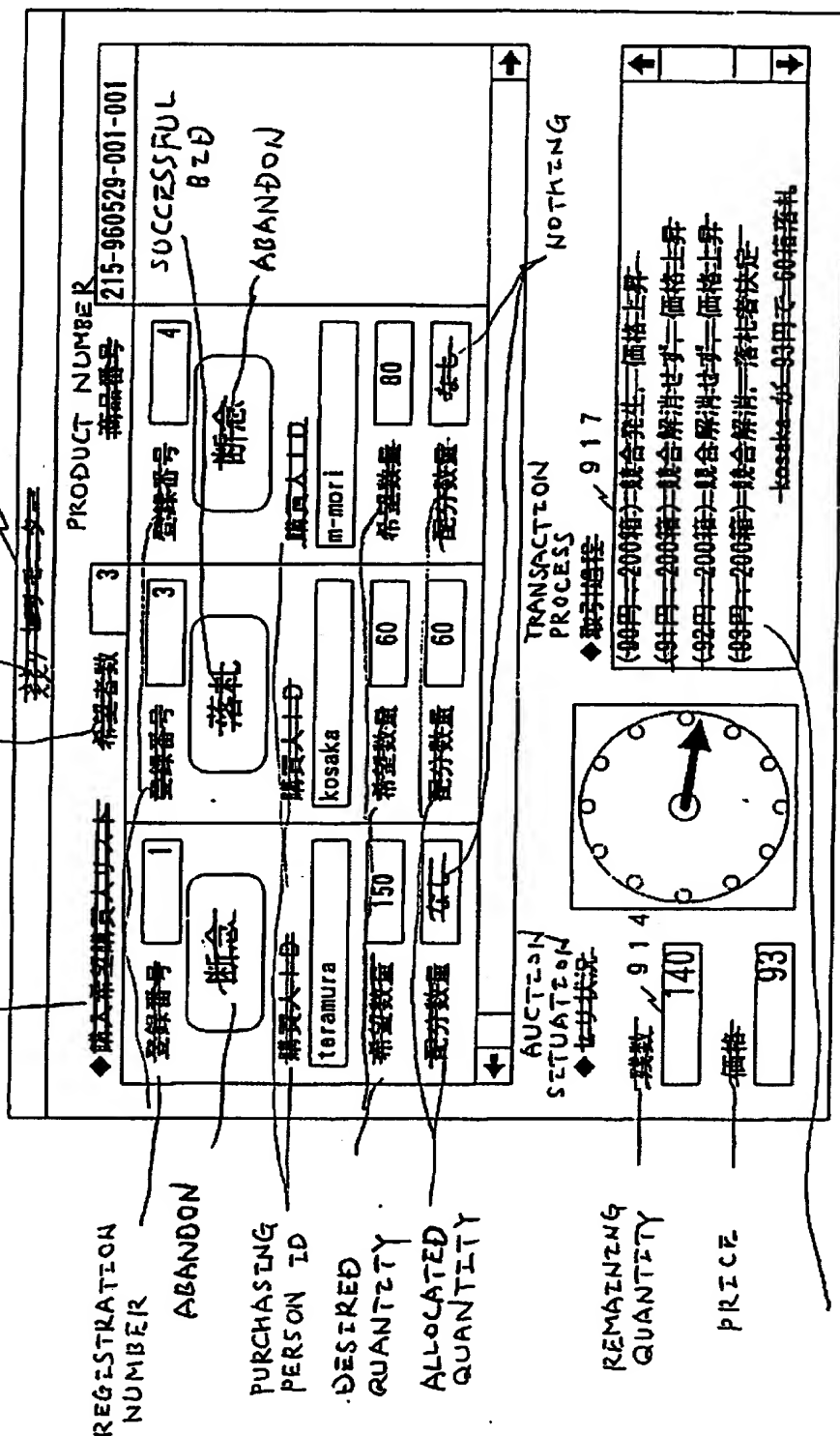
附錄

FIG. 13

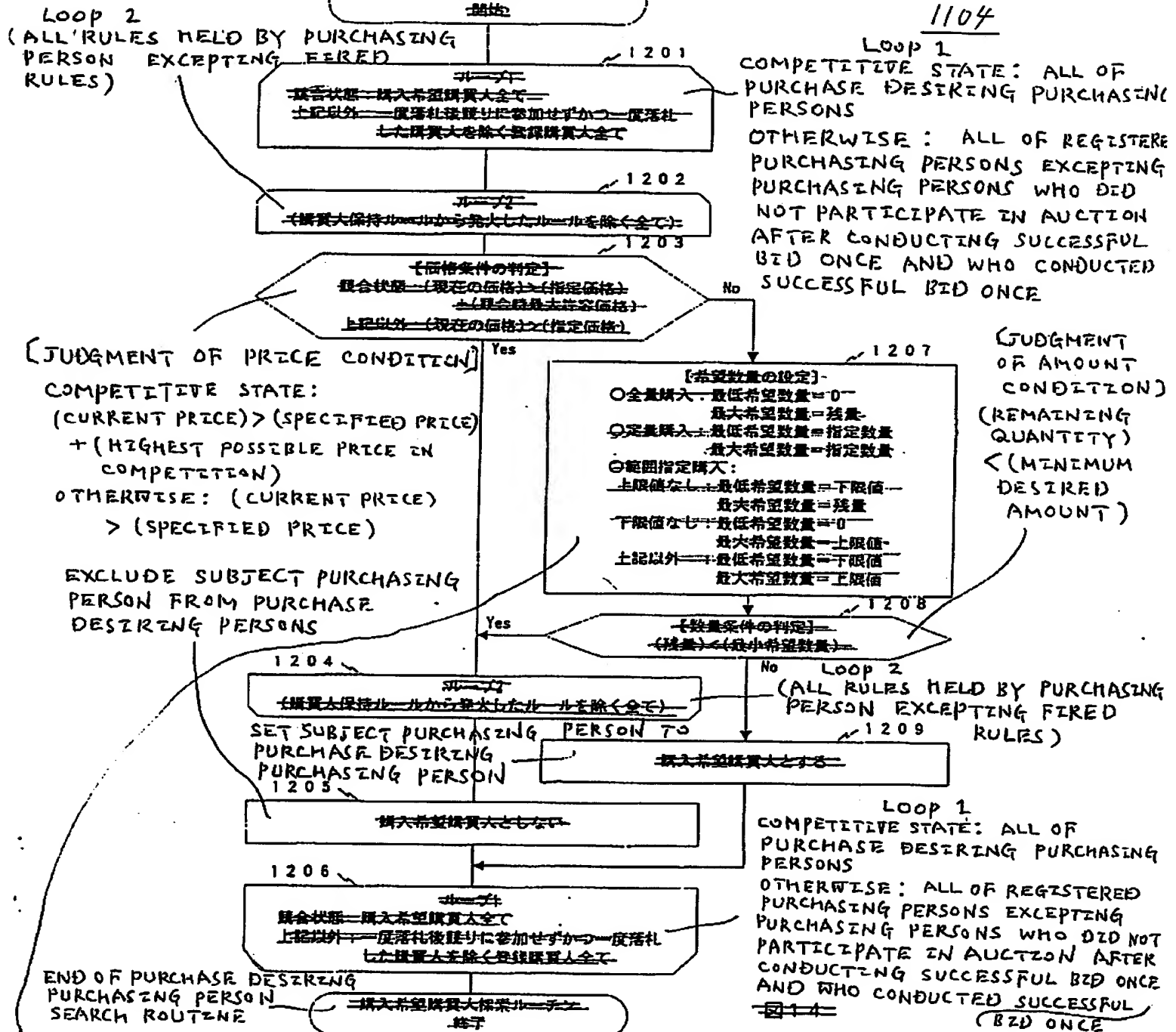
(#91: 200 BOXES) COMPETITION CONTINUATION, PRICE RISE

(FYI: 200 BOXES) COMPETITIVE DANCE, SUCCESSFUL BIDDING DETERMINED

KOSAKA MADE SUCCESSFUL BZD FOR 60 BOXES AT \$93



(図14) START OF PURCHASE DESIRING
PURCHASING PERSON SEARCH
{Fig. 14} ROUTINE



[SET DESIRED AMOUNT]

- ALL AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = 0
MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY
- FIXED AMOUNT PURCHASE: MINIMUM DESIRED AMOUNT = SPECIFIED AMOUNT
MAXIMUM DESIRED AMOUNT = SPECIFIED AMOUNT
- RANGE DESIGNATION PURCHASE:
 - UPPER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = LOWER LIMIT
MAXIMUM DESIRED AMOUNT = REMAINING QUANTITY
 - LOWER LIMIT NOT SPECIFIED: MINIMUM DESIRED AMOUNT = 0
MAXIMUM DESIRED AMOUNT = UPPER LIMIT
 - OTHERWISE: MINIMUM DESIRED AMOUNT = LOWER LIMIT
MAXIMUM DESIRED AMOUNT = UPPER LIMIT

【図15】 {Fig. 15}

CALCULATE SUM TOTAL (SUM TOTAL 1) OF MINIMUM DESIRED AMOUNTS OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT

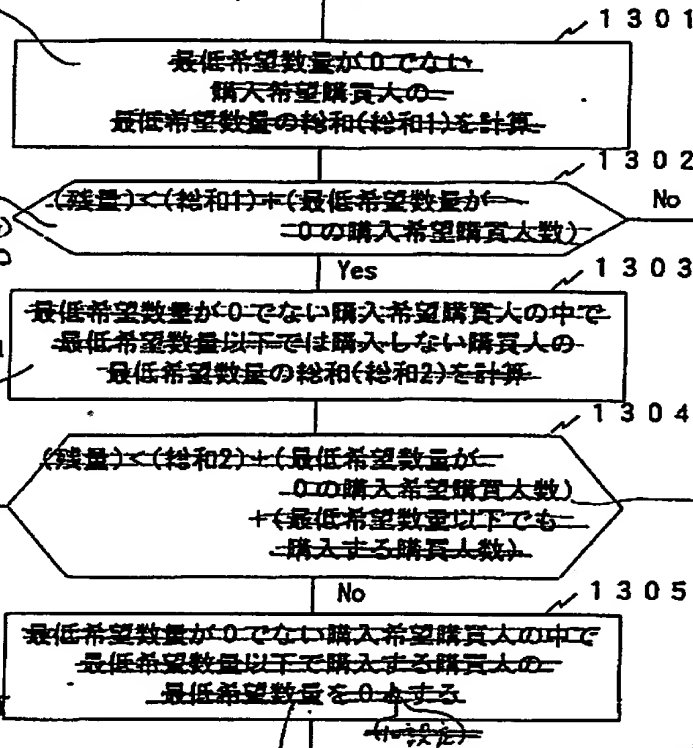
COMPETITIVE STATE / JUDGING ROUTINE

競合状態判定ル=チ

1106

(REMAINING QUANTITY) < (SUM TOTAL 1) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO)

CALCULATE SUM TOTAL (SUM TOTAL 2) OF MINIMUM DESIRED AMOUNTS OF PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO DESIRED AMOUNT AND WHO DO NOT PURCHASE FOR AMOUNT LESS THAN MINIMUM DESIRED AMOUNT



COMPETITIVE STATE

競合状態

ALLOCATABLE STATE

配分可能状態

図15

FIG. 15

FOR PURCHASE DESIRING PURCHASING PERSONS WHO ARE INCLUDED IN PURCHASE DESIRING PURCHASING PERSONS EACH HAVING NONZERO MINIMUM DESIRED AMOUNT AND WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT, SET MINIMUM DESIRED AMOUNT TO 0

(REMAINING QUANTITY) < (SUM TOTAL 2) + (NUMBER OF PURCHASE DESIRING PURCHASING PERSONS EACH HAVING MINIMUM DESIRED AMOUNT EQUAL TO ZERO) + (NUMBER OF PURCHASING PERSONS WHO PURCHASE EVEN IF AMOUNT IS LESS THAN MINIMUM DESIRED AMOUNT)

[図 1 6]

{ Fig. 16 }

START OF COMPETITION
VANISHING ROUTINE

1108

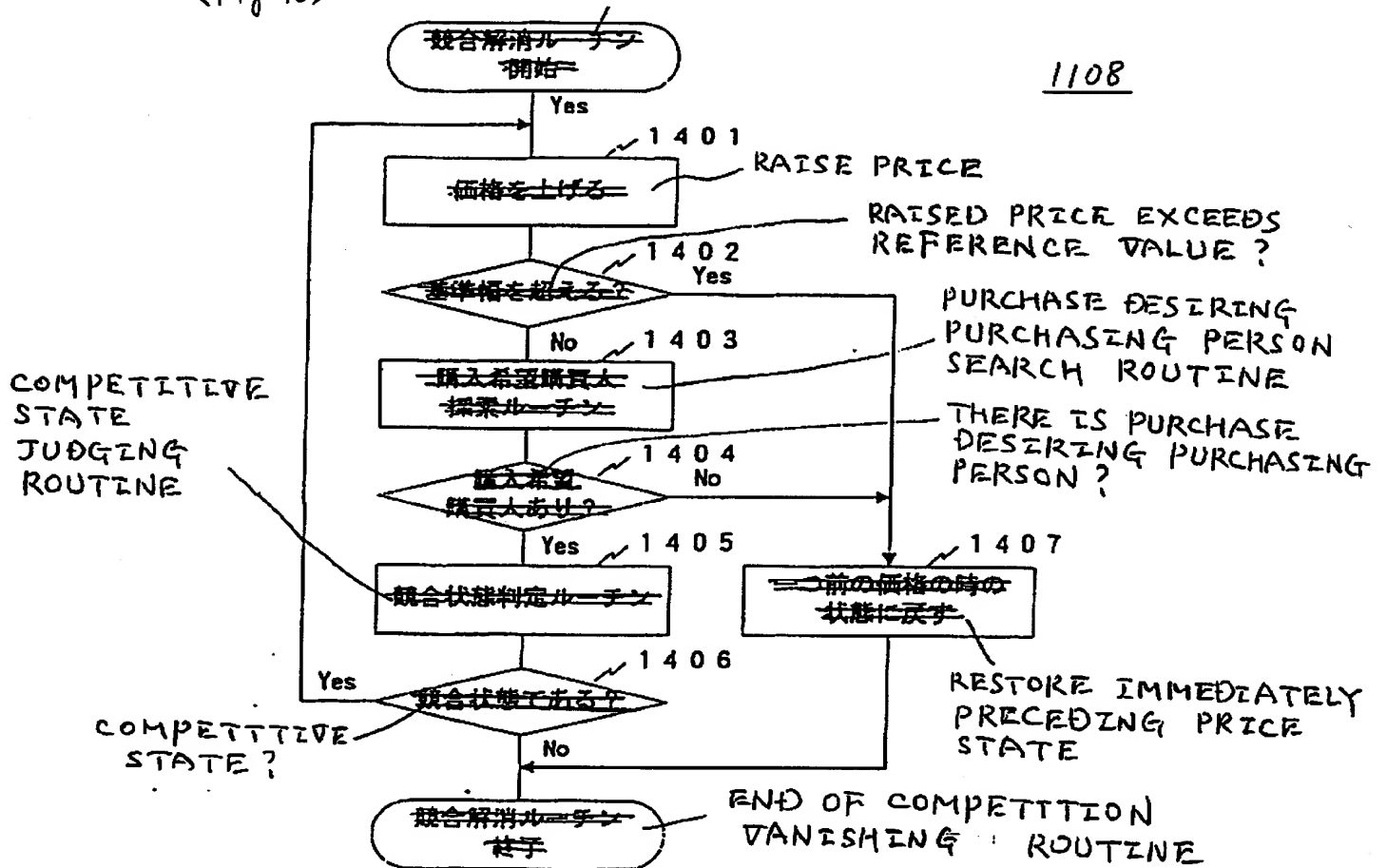
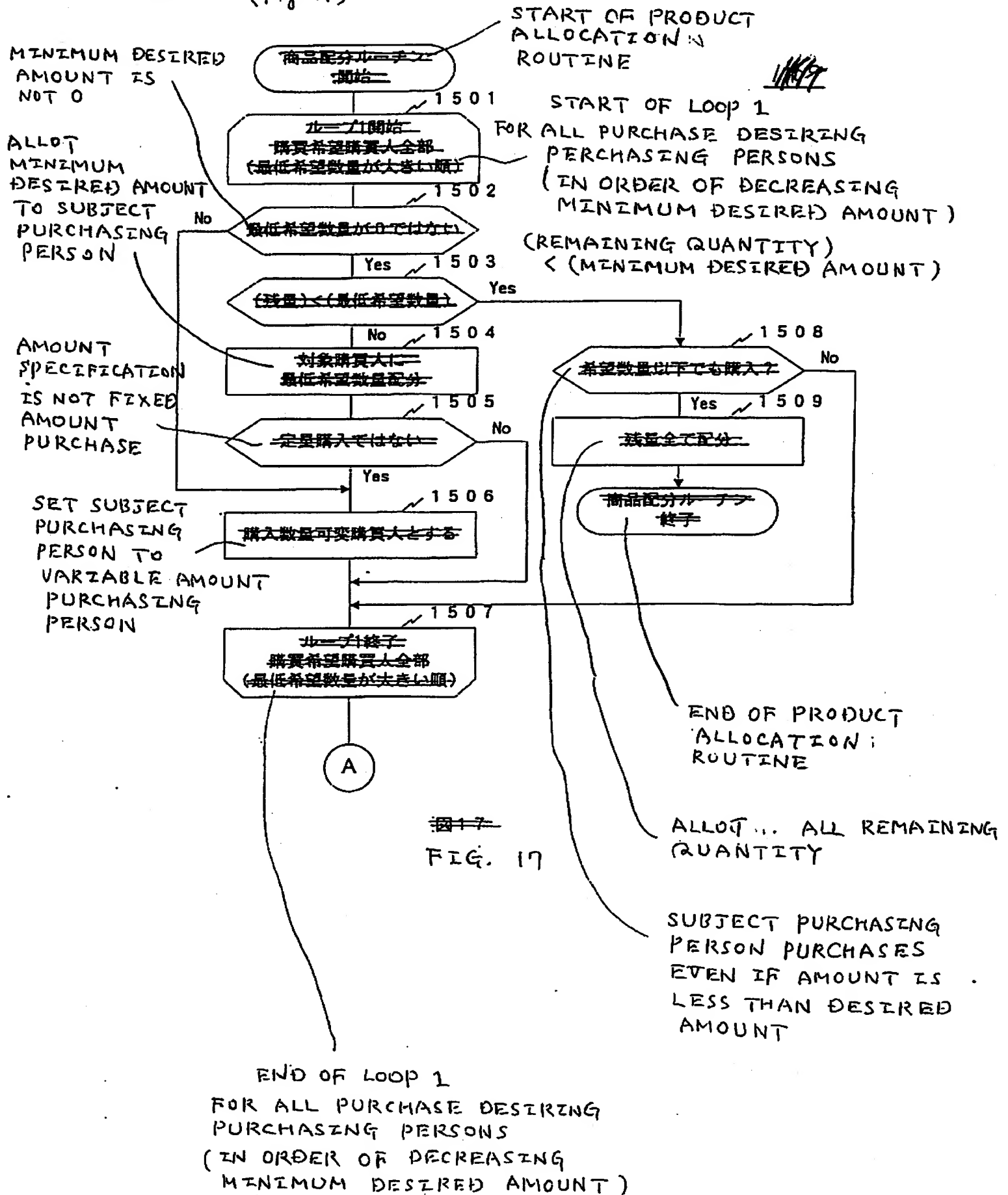


図 1 6

FIG. 16

〔図17〕 {Fig. 17}

図17
FIG. 17

[図18] {Fig. 18}

REMAINING QUANTITY > 0
AND
THERE IS VARIABLE AMOUNT
PURCHASING PERSON

11/18

START OF LOOP 2
FOR ALL OF VARIABLE
AMOUNT PURCHASING
PERSONS
(IN ORDER OF
DECREASING MINIMUM
DESIRED AMOUNT)

INCREASE AMOUNT
ALLOTTED TO SUBJECT
PURCHASING PERSON

MAXIMUM DESIRED
AMOUNT
= ALLOTTED AMOUNT

DO NOT SET SUBJECT
PURCHASING PERSON
TO VARIABLE AMOUNT
PURCHASING PERSON

REMAINING
QUANTITY = 0

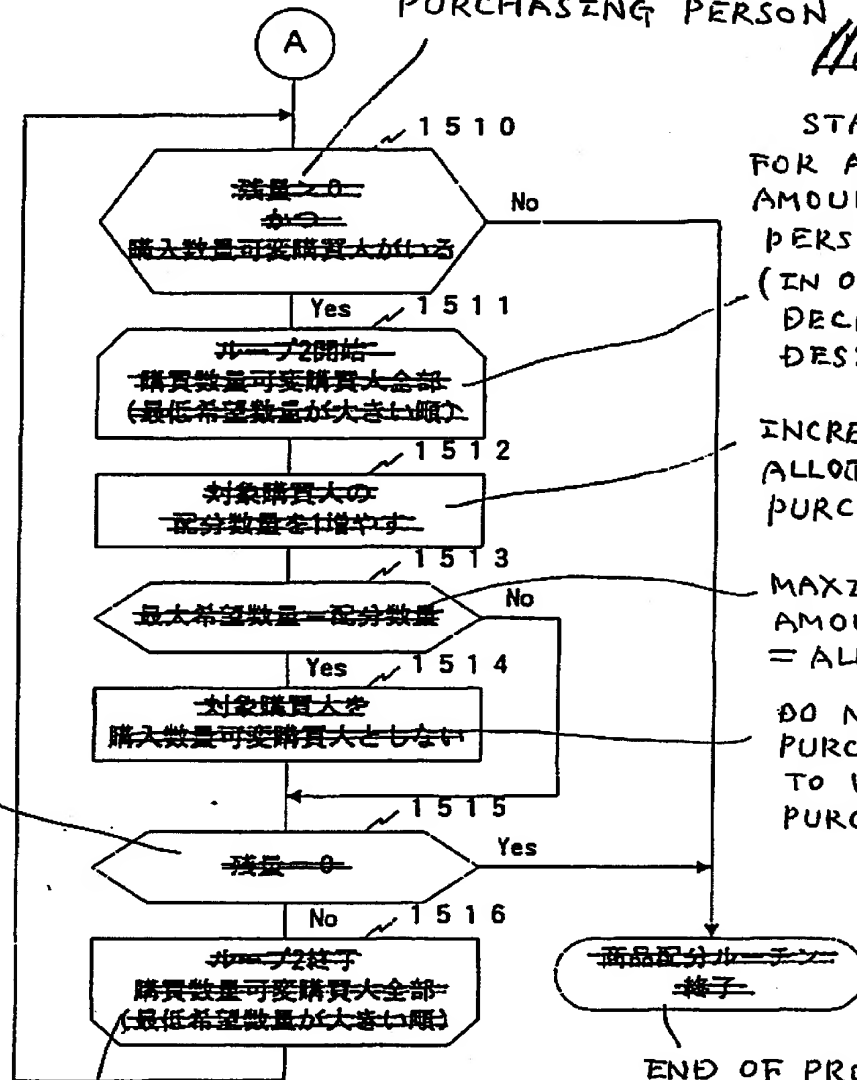


図18

FIG. 18

END OF LOOP 2
FOR ALL OF VARIABLE
AMOUNT PURCHASING
PERSONS
(IN ORDER OF
DECREASING MINIMUM
DESIRED AMOUNT)

END OF PRODUCT
ALLOCATION
ROUTINE

[図 1 9] { Fig. 19 }

2010

[競り条件]	
数量	200箱
初期価格	100円
価格下げ幅	1円
最低価格	70円
競合時上げ幅	1円
最大上げ幅	10円

[AUCTION CONDITION]

QUANTITY	200 BOXES
INITIAL PRICE	¥100
INCREMENT OF	
DESCENDING PRICE	¥1
LOWEST PRICE	¥70
INCREMENT OF	
ASCENDING PRICE	
IN COMPETITION	¥1
HIGHEST	
ASCENDING PRICE	¥10

~~図 1 9~~

FIG. 19

[図 2 0] { Fig. 20 }

[REGISTERED PURCHASING
PERSONS AND AUCTION
ORDERING INFORMATION]

[PURCHASING PERSON A]
PURCHASE 60 BOXES
AT ¥95 (+¥2)
PURCHASE ALL AMOUNT
AT LOWEST PRICE
(+¥2)

[PURCHASING PERSON B]
PURCHASE 100 BOXES
AT ¥90 (+¥2)
PURCHASE 70 TO 100
BOXES AT ¥90 (+¥4)
DO NOT PARTICIPATE IN
AUCTION AFTER
CONDUCTING
SUCCESSFUL BID
ONCE

[PURCHASING PERSON C]
PURCHASE 80 BOXES AT
¥90 (+¥4)

[PURCHASING PERSON D]
PURCHASE 50 TO 150 BOXES
AT ¥88 (+¥3)

2020

[登録購入人と競り発注情報]	
[購入者 A]	2021
95円(+2円)で60箱購入	
最低価格(+2円)で全量購入	
[購入者 B]	2022
90円(+2円)で100箱購入	
90円(+4円)で70箱~100箱購入	
一度落札後競りに参加しない	
[購入者 C]	2023
90円(+4円)で80箱購入	
[購入者 D]	2024
88円(+3円)で50箱~150箱購入	

~~図 2 0~~

FIG. 20